



## **Radian Introduces the New RS-933 Power & Energy Automated Calibration System**

There are over 16 million smart meters installed in North America and 34 million coming soon. Consumers have voiced concern over the accuracy of smart meters forcing the Electricity Utility on the defensive. In response Radian Research introduces a new meter calibration solution that raises the bar for standards equipment used by Utilities to type test the meter accuracy before vendor selection or deployment.

The new RS-933 automated power and energy meter calibration system provides ultimate stability, accuracy, along with efficiency in operation. Based on Radian's proven Syntron technology the system can source synthesized voltage and current allowing the operator to generate sinusoidal or distorted waveforms. The RS-933 provides single or three phase output from 1 mA to a maximum of 200 Amperes on each phase. The RS-933 best energy accuracy of 50 ppm is ideally suited for a for testing the most accurate Reference energy meter. Traceability of the RS-933's measurement accuracy is maintained directly through Radian's NIST traceable calibration laboratory.

The system not only has the ability to run accuracy certifications on watt-hour standards and evaluation testing of solid state meters, but it will also test Reference Standards, Digital Multimeters, Phase Meters, Panel meters and Power Quality meters. The RS-933 is capable of automatically collecting meter pulse data from 16 devices simultaneously maximizing throughput and reducing labor cost.

Radian is recognized throughout the world for the absolute unparalleled accuracy, precision and stability of electric energy measurement products. The new RS-933 Power & Energy Automated Calibration System is Radian's proud addition to that tradition.

Radian is dedicated to providing effective solutions for power and energy measurement. For additional information on the RS-933, please email your request to [radian@radianresearch.com](mailto:radian@radianresearch.com) or contact your local Radian Representative. In addition information is available on the Radian web site at <http://www.radianresearch.com>.

For additional information on the news that is the subject of this release, contact Bob McIntyre.

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